

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: ANHM01 217 N. Lemon St., Anaheim			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		3	
10 Subtotal(Ln 8 * Ln 9)			\$956.88
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal(Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$2,227.91
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,847.13
22 Rate			\$2,228
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 3

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: BKFD12 1918 M St., Bakersfield

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,589.99
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,327.61
22 Rate			\$1,590
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 4

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: BRBN11 280 E. Palm Ave., Burbank

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		3	
10 Subtotal (Ln 8 * Ln 9)			\$956.88
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal (Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$2,068.43
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,717.25
22 Rate			\$2,068
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 5

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: CMTN01 608 E. Compton, Compton			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		3	
10 Subtotal (Ln 8 * Ln 9)			\$956.88
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		5	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$398.70
19 Subtotal (Ln 13 + Ln 18)			\$478.44
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$2,387.39
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,977.01
22 Rate			\$2,387
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 6

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: **CNCR01** **1714 Colfax, Concord**

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		2	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$159.48
19 Subtotal (Ln 13 + Ln 18)			\$239.22
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,510.25
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,262.67
22 Rate			\$1,510
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 7

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: CNPK01 22012 Van Owen, Canoga Park

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		4	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$318.96
19 Subtotal (Ln 13 + Ln 18)			\$398.70
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,669.73
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,392.55
22 Rate			\$1,670
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 8

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: ELSG12 201 S. Douglas St., El Segundo

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		3	
10 Subtotal (Ln 8 * Ln 9)			\$956.88
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$2,227.91
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,847.13
22 Rate			\$2,228
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 9

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:			
ELTR11		23011 El Toro, El Toro	
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal (Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,908.95
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,587.37
22 Rate			\$1,909
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 10

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:**FROK11****7931 California, Fair Oaks**

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal(Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		4	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$318.96
19 Subtotal(Ln 13 + Ln 18)			\$398.70
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,988.69
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,652.31
22 Rate			\$1,989
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 11

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:**FRSN01****1445-1455 Van Ness, Fresno**

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		7	
10 Subtotal(Ln 8 * Ln 9)			\$2,232.72
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal(Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$3,344.27
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$2,756.29
22 Rate			\$3,344
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 12

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:			
GLDL11		124 S. Orange, Glendale	
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal (Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,908.95
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,587.37
22 Rate			\$1,909
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 13

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: GRDN01 16208 S. Vermont, Gardena

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,589.99
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,327.61
22 Rate			\$1,590
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 14

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: HYWR11 1880 Depot Ct., Hayward			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal(Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		2	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$159.48
19 Subtotal(Ln 13 + Ln 18)			\$239.22
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,510.25
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,262.67
22 Rate			\$1,510
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 15

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:			
IRVN11		2350 Main St., Irvine	
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal(Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal(Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, including Overheads (Lns 5+10+19)			\$1,430.51
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,197.73
22 Rate			\$1,431
23 RATIO: Rate/Direct Cost			1.19

Sources

See Narrative

A. 16

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: <i>LSAN01-03 S, Grand Ave. & S. Olive St., Los Angeles</i>			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		6	
10 Subtotal(Ln 8 * Ln 9)			\$1,913.76
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal(Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$3,184.79
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$2,626.41
22 Rate			\$3,185
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 17

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: LSAN07 8530 Airport Blvd., Los Angeles			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal(Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal(Ln 13 + Ln 18)			\$318.96
20 <i>Total Entrance Facility Installation Cost, Including Overheads</i> (Lns 5+10+19)			\$1,589.99
21 <i>Total Entrance Facility Installation Cost, Direct</i> (See Pages 55 - 106 for each C.O.)			\$1,327.61
22 Rate			\$1,590
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 18

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: MTVW11 305 Hope St., Mountain View			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal(Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		4	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$318.96
19 Subtotal(Ln 13 + Ln 18)			\$398.70
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,988.69
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$1,652.31
22 Rate			\$1,989
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 19

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:			
OKLD03		1587 Franklin St., Oakland	
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		10	
10 Subtotal(Ln 8 * Ln 9)			\$3,189.60
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal(Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$4,301.15
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.))			\$3,535.57
22 Rate			\$4,301
23 RATIO: Rate/Direct Cost			1.22

Sources

See Narrative

A. 20

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: ORNG14 4245 Chapman, Orange

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal (Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal (Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,749.47
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,457.49
22 Rate			\$1,749
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 21

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: PLAL02 345 Hamilton, Palo Alto			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal (Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,430.51
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,197.73
22 Rate			\$1,431
23 RATIO: Rate/Direct Cost			1.19

Sources

See Narrative

A. 22

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: PLAL12 3350 Birch St., Palo Alto

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		1	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$79.74
19 Subtotal (Ln 13 + Ln 18)			\$159.48
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,430.51
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,197.73
22 Rate			\$1,431
23 RATIO: Rate/Direct Cost			1.19

Sources

See Narrative

A. 23

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: PLTN13 4658 Willow Rd., Pleasanton			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	-
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		3	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$239.22
19 Subtotal (Ln 13 + Ln 18)			\$318.96
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,589.99
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,327.61
22 Rate			\$1,590
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 24

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: PSDN11 600 E. Green St., Pasadena			
DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal(Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		2	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$159.48
19 Subtotal(Ln 13 + Ln 18)			\$239.22
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,510.25
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,262.67
22 Rate			\$1,510
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 25

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE:

RILT11

495 S. Riverside, Rialto

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		1	
10 Subtotal (Ln 8 * Ln 9)			\$318.96
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		2	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$159.48
19 Subtotal (Ln 13 + Ln 18)			\$239.22
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$1,510.25
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,262.67
22 Rate			\$1,510
23 RATIO: Rate/Direct Cost			1.20

Sources

See Narrative

A. 26

NOTE: Totals may not add due to rounding.

93-162 WORKPAPERS

ENTRANCE FACILITY INSTALLATION FUNCTION

Cost Including Overhead

Non-Recurring

RATE ELEMENT NAME: Cable Placement/Removal

CENTRAL OFFICE: SCRM01 1423 J St., Sacramento

DESCRIPTION	LABOR RATE /UNIT (Fully Assigned)	# OF UNITS	TOTAL COST (A * B)
Engineering per Placement/Removal			
1 Outside Plant Engineer	\$100.31 /Hour	1	\$100.31
2 TIES Engineer	\$109.39 /Hour	2	\$218.78
3 Facility Equipment Engineer	\$114.34 /Hour	4	\$457.36
4 Engineering Aide	\$87.81 /Hour	2	\$175.62
5 Subtotal			\$952.07
Vertical Placement/Removal per Floor			
6 1st OSP Technician	\$79.74 /Hour	2	\$159.48
7 2nd OSP Technician	\$79.74 /Hour	2	\$159.48
8 Cost per Floor (Ln 6 + Ln 7)			\$318.96
9 Collocation Floor		2	
10 Subtotal(Ln 8 * Ln 9)			\$637.92
Horizontal Placement/Removal per 50 Foot Increment			
11 1st OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
12 2nd OSP Technician-Set Up	\$79.74 /Hour	0.5	\$39.87
13 Total Set Up (Ln 11 + Ln 12)			\$79.74
14 1st OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
15 2nd OSP Tech-Each 50 Ft	\$79.74 /Hour	0.5	\$39.87
16 Cost per 50 Ft (Ln 14 + Ln 15)			\$79.74
17 Number of 50 Ft Increments		6	
18 Cost of Horizontal Pull Excluding Set Up (Ln 16 * Ln 17)			\$478.44
19 Subtotal(Ln 13 + Ln 18)			\$558.18
20 Total Entrance Facility Installation Cost, Including Overheads (Lns 5+10+19)			\$2,148.17
21 Total Entrance Facility Installation Cost, Direct (See Pages 55 - 106 for each C.O.)			\$1,782.19
22 Rate			\$2,148
23 RATIO: Rate/Direct Cost			1.21

Sources

See Narrative

A. 27

NOTE: Totals may not add due to rounding.